

RECEIVED

FORM OGC-3

FEB 26 2013

STATE OF MISSOURI  
GEOLOGICAL SURVEY PROGRAM

## APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

An Oil &amp; Gas Council

<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR Kansas Resource Exploration and Development, LLC						DATE 02/01/2013			
ADDRESS 9393 West 110th St., Suite 500				CITY Overland Park		STATE KS		ZIP CODE 66210	
<b>DESCRIPTION OF WELL AND LEASE</b>									
NAME OF LEASE MacLaughlin				WELL NUMBER E-13		ELEVATION (GROUND) 1059'			
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 1650 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South section line 1650 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West section line									
WELL LOCATION <input checked="" type="checkbox"/> Sec. 4 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE <input checked="" type="checkbox"/> N38 50' 9.76"		LONGITUDE <input checked="" type="checkbox"/> W94 34' 15.76"		COUNTY Cass 037	
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 215 FEET									
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 330 FEET									
PROPOSED DEPTH 700' 359' ELV		DRILLING CONTRACTOR, NAME AND ADDRESS Utah Oil, LLC				ROTARY OR CABLE TOOLS Rotary		APPROX. DATE WORK WILL START 03/01/2013	
NUMBER OF ACRES IN LEASE 138		NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 18 NUMBER OF ABANDONED WELLS ON LEASE 0							
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME DE Exploration ADDRESS 4595 Highway K33, Wellsville, KS 66092						NO. OF WELLS PRODUCING 14 INJECTION 3 INACTIVE 0 ABANDONED 0			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$		<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 280,000		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE, USE BACK OF FORM IF NEEDED)  PRODUCER									
<b>PROPOSED CASING PROGRAM</b>				<b>APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST</b>					
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT		
20'	8 5/8"	20	6 sks	20	8 5/8"	20	Full length		
700'	4 1/2"	11.6	125 sks	700	4 1/2"	11.6			
I, the Undersigned, state that I am the C.O.O. of the K.R.E.D. (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.									
SIGNATURE JK						DATE 2/1/13			
PERMIT NUMBER 21204				<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input type="checkbox"/> SAMPLES REQUIRED <input checked="" type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT					
APPROVED DATE 3-4-12				<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN					
APPROVED BY Joseph A. [Signature]									
<b>NOTE</b> THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.									
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE									
I, B. Leech of the Utah Oil (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.									
DRILLER'S SIGNATURE B. Leech						DATE 2-4-13			

MO 780-0211 (3-11)

REMIT ONE (1) COPY TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573-368-2143.

(CONSERVATIVE)  
 VALUE  
 225' ELV  
 P/N

# RECEIVED

FEB 26 2013 FORM OGC-41



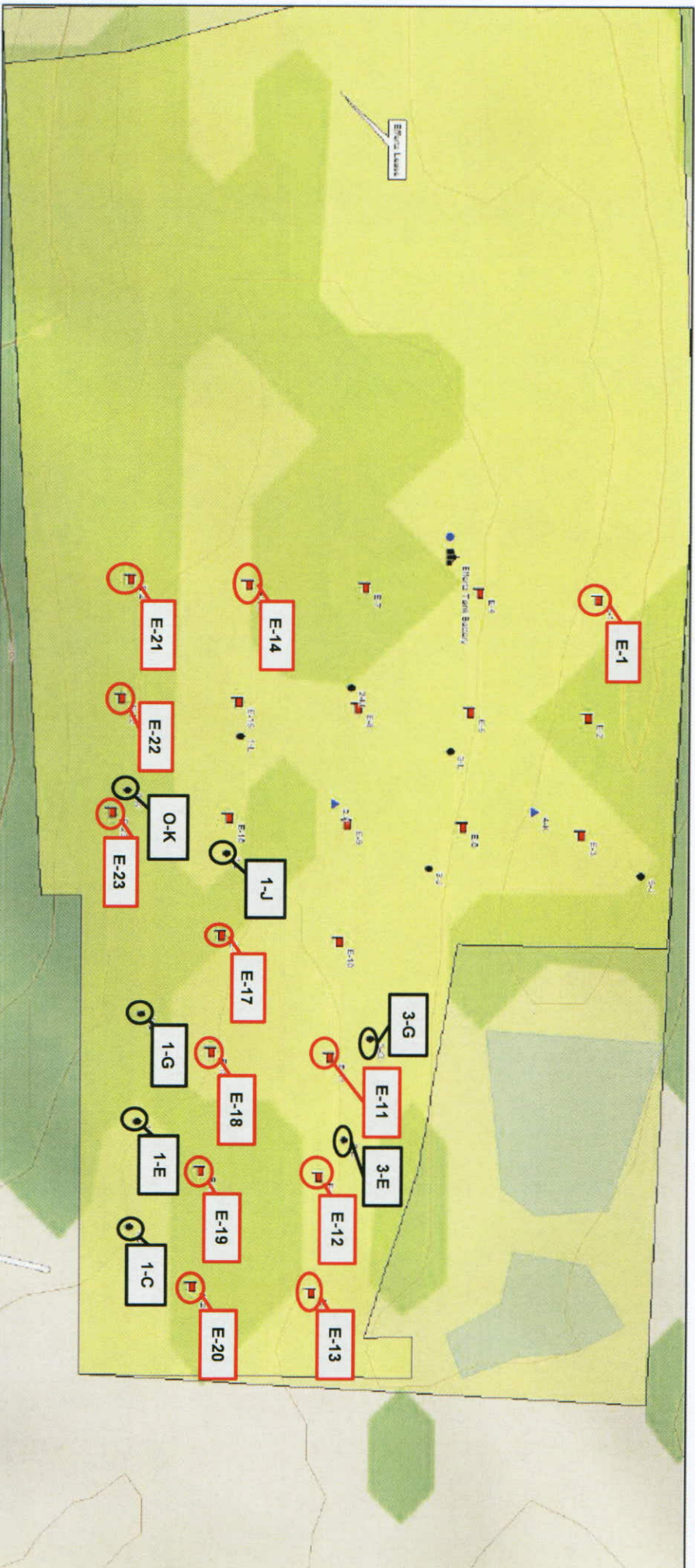
STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**INJECTION WELL LOCATION PLAT**

Mo Oil & Gas Council

OWNER'S NAME Kansas Resource Exploration & Development, LLC	
LEASE NAME MacLaughlin E-13	COUNTY Cass
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) <input checked="" type="checkbox"/> 1650 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South section line <input checked="" type="checkbox"/> 1650 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West section line	
WELL LOCATION Sec. 4    Township 46    North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West	
LATITUDE N38° 50' 9.76" <input checked="" type="checkbox"/>	LONGITUDE W94° 34' 15.76" <input checked="" type="checkbox"/>
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> </div> <div style="width: 80%;"> <p style="text-align: center; font-size: 1.5em;">Sec. 4</p> <p style="text-align: center; font-size: 1.2em;">MacLaughlin Lease</p> <p style="text-align: center; font-size: 1.2em;">Pt. S/2</p> <div style="position: relative; height: 150px;"> <!-- Hand-drawn diagram of the well location --> <!-- Section boundary --> <div style="position: absolute; left: 330px; top: 440px; width: 270px; height: 150px; border: 1px solid black; transform: rotate(-10deg);"></div> <!-- Lease boundary --> <div style="position: absolute; left: 600px; top: 440px; width: 120px; height: 100px; border: 1px solid black;"></div> <!-- Well location --> <div style="position: absolute; left: 650px; top: 500px;"> <p>✓ 215' from lease</p> <p>✓ 330' from nearest well, E-12</p> <p>✓ 1650' FSL</p> <p>✓ 1650' FSL</p> </div> <!-- Distances --> <div style="position: absolute; left: 650px; top: 500px;"> <p>E-12</p> <p>E-13</p> </div> </div> </div> </div>	
REMARKS Plat Map Scale - 1 Square = 660 feet <input checked="" type="checkbox"/>	
<p style="text-align: center;"><b>INSTRUCTIONS</b></p> <p>On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.</p>	<p>This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.</p>
REGISTERED LAND SURVEY	NUMBER



- O – Circled wells in red are new permits greater than 330' from any well**
- O – Circled wells in black are plugged existing wells**



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MN (2.1° E)





## Missouri Department of Natural Resources

### Geographic Information Systems

## Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

<input type="button" value="Submit"/>			
<input type="radio"/> Universal Transverse Mercator [Zone 15 North]			
Easting			
363643.4181686853	meters		
Northing			
4299754.994680255	meters		
<input type="radio"/> Decimal Degrees			
Latitude			
38.83604444444445	°		
Longitude			
-94.57104444444444	°		
<input checked="" type="radio"/> Degrees, Minutes and Seconds			
Latitude Degrees			
38	°		
Latitude Minutes			
50	'		
Latitude Seconds			
9.76	"		
Longitude Degrees			
-94	°		
Longitude Minutes			
34	'		
Longitude Seconds			
15.76	"		

<b>UTM Zone 15N [Easting, Northing]</b>	[ 363643.4, 4299754.9 ] meters
<b>Decimal Degrees [Lat, Lon]</b>	[ 38.836044°, -94.571045° ]
<b>Deg, Min, Sec [Lat, Lon]</b>	[ 38° 50' 9.7", -94° 34' 15.7" ]
<b>County Name</b>	Cass
<b>County FIPS Code</b>	037
<b>Legal Description</b>	Section 04 T46N R33W
<b>Municipality</b>	Belton
<b>House District</b>	56
<b>Senate District</b>	31
<b>Congressional District</b>	4
<b>MoDNR Region</b>	Kansas City Regional Office
<b>USGS 1:24,000 Quadrangle</b>	Belton [38094-G5]
<b>8 Digit Watershed</b>	10300101 [Lower Missouri-Crooked]
<b>10 Digit Watershed</b>	1030010101 [Blue River]
<b>12 Digit Watershed</b>	103001010104 [Camp Branch-Blue River]
<b>Special Well Drilling Area</b>	Area 2
<b>Ecological Drainage Unit</b>	Central Plains/Blackwater/Lamine
<b>Level III Ecoregion</b>	Central Irregular Plains
<b>Query Time</b>	5.891 s

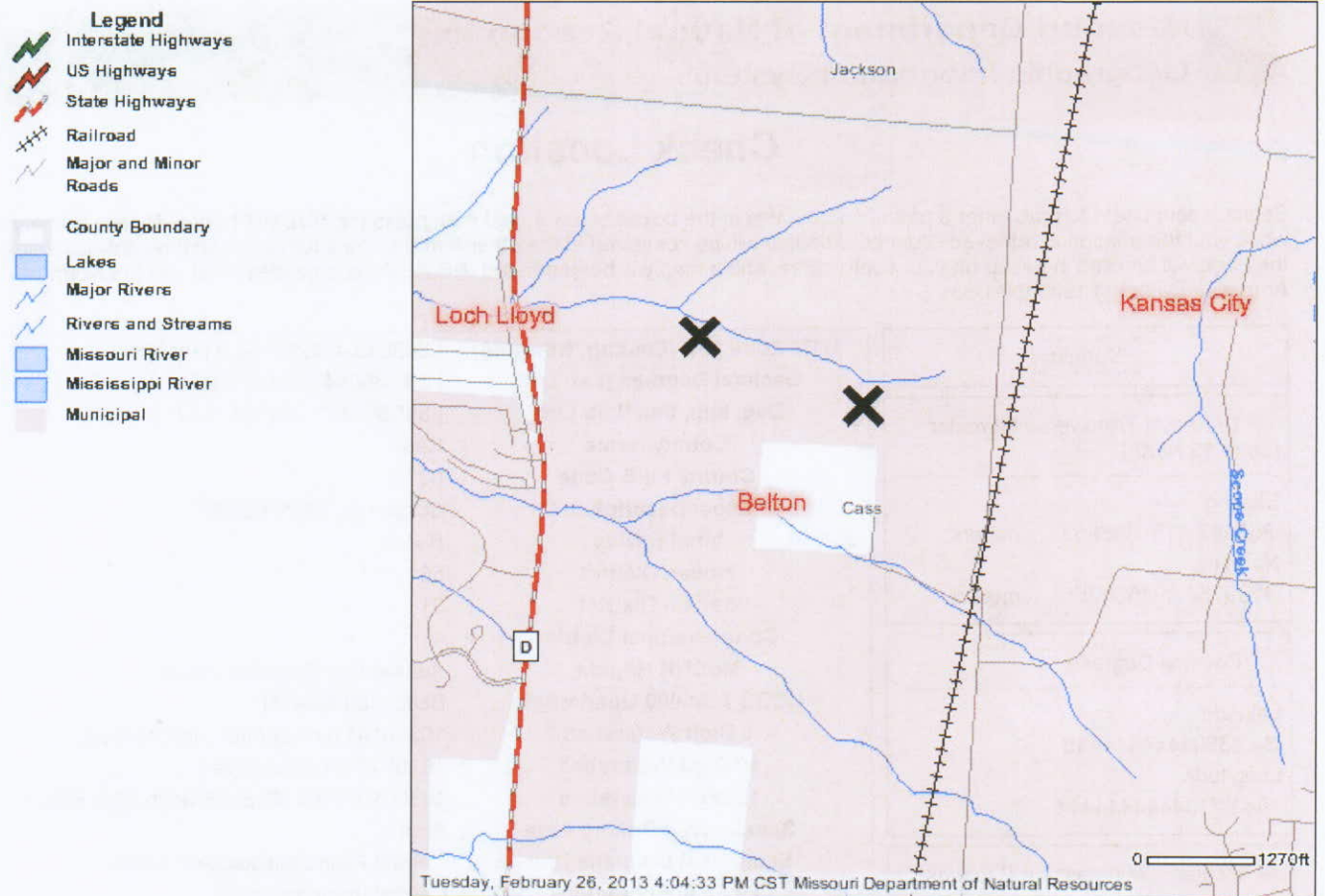
Rows with **red** text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

### Metadata

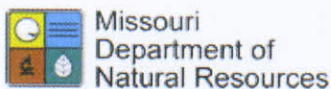
- [Interstate Highways](#)
- [US Highways](#)
- [State Highways](#)
- [Railroad](#)
- [Major and Minor Roads](#)
- [County Boundary](#)
- [Lakes](#)
- [Major Rivers](#)
- [Rivers and Streams](#)
- [Missouri River](#)
- [Mississippi River](#)
- [Municipal](#)





View Scale 1:24,000

DISCLAIMER: Although this map has been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the department as to the data and related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the department in the use of these data or related materials.



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